

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

Docket No.
5047

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

EXPRESSION SYSTEM FOR RECOMBINANT PROTEINS

the specification of which

(check one)

☒ is attached hereto.

☒ was filed on November 7, 2001 as United States Application No. or PCT International
Application Number 10/045,507
and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

60/248,806

(Application Serial No.)

November 15, 2000

(Filing Date)

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

Richard D. Allison	Reg. No. 31,584
Robert J. Cobert	Reg. No. 36,108
Thomas J. DesRosier	Reg. No. 30,168
Deborah A. Dugan	Reg. No. 37,315
Madge R. Kanter	Reg. No. 35,211
Elizabeth Lassen	Reg. No. 31,845
Bart G. Newland	Reg. No. 31,282
Jennifer A. Tegfeldt	Reg. No. 31,310
Jennifer L. Dupre	Reg. No. 41,722
Darlene Vanstone	Reg. No. 35,729

Send Correspondence to: **Jennifer Tegfeldt, Esq.**
GENZYME CORPORATION
 One Kendall Square
 Cambridge, MA 02139

Direct Telephone Calls to: *(name and telephone number)*
 (617) 374-7219

Full name of sole or first inventor Nick Wan
Sole or first inventor's signature <i>Nick C. Wan</i> Date 09/24/02
Residence 11 Oakland Avenue, Auburndale, MA 02466
Citizenship U.S.
Post Office Address same as above

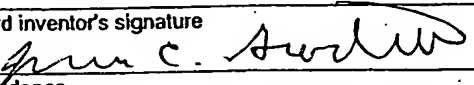
Full name of second inventor, if any Henry Hoppe IV
Second inventor's signature <i>H Hoppe</i> Date 10/22/02
Residence 4 Bulette Road, Acton, MA 01720
Citizenship U.S.
Post Office Address same as above

Full name of third inventor, if any Jason C. Goodrick	
Third inventor's signature	Date
Residence 320 Columbia Street #3, Cambridge, MA 02141	
Citizenship U.S.	
Post Office Address same as above	

Full name of fourth inventor, if any Bernhard M. Schilling	
Fourth inventor's signature <i>Bernhard Schilling</i>	Date 10/28/02
Residence 5904 Stearns Hill Road, Waltham, MA 02451-7135 ^{NS 10/28/02} 2104 Euclid Ave., Syracuse, NY 13224	
Citizenship Germany	
Post Office Address same as above	

Full name of fifth inventor, if any	
Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of third inventor, if any Jason C. Goodrick	
Third inventor's signature 	Date 11/1/02
Residence 320 Columbia Street #3, Cambridge, MA 02141 222 clipper st. #3, San Francisco, CA 94114	
Citizenship U.S.	
Post Office Address same as above	

Full name of fourth inventor, if any Bernhard M. Schilling	
Fourth inventor's signature	Date
Residence 5904 Stearns Hill Road, Waltham, MA 02451-7135	
Citizenship Germany	
Post Office Address same as above	

Full name of fifth inventor, if any	
Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

(Express Mail Label No. EV386751515US)

Facsimile Transmission

*This company uses RightFAX® fax
server software from RightFAX, Inc.*

From: Name: USPTO ASSIGNMENT DIVISION
Fax Number:
Voice Phone: 703-308-9723

To: Name: GENZYME CORPORATION
Company: LEGAL DEPARTMENT
Fax Number: 15088725415
Voice Phone:

Fax Notes:

Pg#	Description
-----	-------------

1	Cover Page
---	------------

2	118.TXT
---	---------

4	Document 1, Batch 266918
---	--------------------------

PTAS FAX PROCESSING

Date and time of transmission: Tuesday, November 04, 2003 5:26:16 PM
Number of pages including this cover sheet: 04

A RightFAX® Communicated Document



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NOVEMBER 04, 2003

PTAS

GENZYME CORPORATION
LEGAL DEPARTMENT
15 PLEASANT ST. CONNECTOR
FRAMINGHAM, MA 01701



700050955A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/31/2003

REEL/FRAME: 014098/0761
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WAN, NICK

DOC DATE: 09/24/2002

ASSIGNOR:

HOPPE, IV, HENRY

DOC DATE: 11/01/2002

ASSIGNOR:

GOODRICK, JASON C.

DOC DATE: 10/22/2003

ASSIGNOR:

SCHILLING, BERNHARD M.

DOC DATE: 10/29/2003

ASSIGNEE:

GENZYME CORPORATION
ONE KENDALL SQUARE
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 10045507

FILING DATE: 11/07/2001

PATENT NUMBER:

ISSUE DATE:

014098/0761 PAGE 2

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10/31/2003
700050955

002

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)		RECORDATION FORM COVER SHEET		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
PATENTS ONLY					
Tab settings → → → ▼ ▼ ▼ ▼ ▼ ▼ ▼					
To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.					
1. Name of conveying party(ies): NICK WAN, HENRY HOPPE IV, JASON C. GOODRICK and BERNHARD M. SCHILLING			2. Name and address of receiving party(ies) Name: <u>GENZYME CORPORATION</u> Internal Address: _____ _____ Street Address: <u>One Kendall Square</u> _____ City: <u>Cambridge</u> State: <u>MA</u> Zip: <u>02139</u> Additional Name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Additional name of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>9/24/02; 11/1/02; 10/22/03; and 10/29/03</u>					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>10/045,507</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning this document should be mailed: Name: <u>Genzyme Corporation</u> Internal Address: <u>Attention: Legal Department</u> _____ Street Address: <u>15 Pleasant St. Connector</u> _____ City: <u>Framingham</u> State: <u>MA</u> Zip: <u>01701</u>			6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41)\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>07-1074</u> (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <u>Jennifer L. Dupre</u> <u>October 30, 2003</u> Name of Person Signing Signature Date					
Total number of pages including cover sheet, attachments, and documents: <u>7</u> Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231					

C/H \$40.00 07 1074 10045507



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NOVEMBER 04, 2003

PTAS

GENZYME CORPORATION
JENNIFER L. DUPRE
15 PLEASANT ST. CONNECTOR
ATTENTION: LEGAL DEPARTMENT
FRAMINGHAM, MA 01701



700050963A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/31/2003

REEL/FRAME: 014098/0729

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WAN, NICK

DOC DATE: 09/24/2002

ASSIGNOR:

HOPPE, HENRY IV

DOC DATE: 10/22/2003

ASSIGNOR:

GOODRICK, JASON C.

DOC DATE: 11/01/2002

ASSIGNOR:

SCHILLING, BERNHARD M.

DOC DATE: 10/29/2003

ASSIGNEE:

GENZYME CORPORATION
ONE KENDALL SQUARE
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 10045507

FILING DATE: 11/07/2001

PATENT NUMBER:

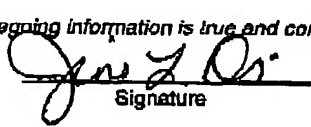
ISSUE DATE:

014098/0729 PAGE 2

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10/31/2003
700050963

003

Form PTO-1595 (Rev. 10/02) OMB No. 0851-0027 (exp. 6/30/2005)		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
Tab settings → → → ▼ ▼ ▼ ▼ ▼ ▼ ▼					
To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.					
1. Name of conveying party(ies): NICK WAN, HENRY HOPPE IV, JASON C. GOODRICK and BERNHARD M. SCHILLING			2. Name and address of receiving party(ies) Name: GENZYME CORPORATION Internal Address: _____ _____ _____ Street Address: One Kendall Square _____ _____ City: Cambridge State: MA Zip: 02139 Additional Name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Additional name of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: 9/24/02; 11/1/02; 10/22/03; and 10/29/03					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) 10/045,507 B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Genzyme Corporation Internal Address: Attention: Legal Department _____ _____ Street Address: 15 Pleasant St. Connector _____ City: Framingham State: MA Zip: 01701			6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 07-1074 (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Jennifer L. Dupre Name of Person Signing  Signature October 30, 2003 Date					
Total number of pages including cover sheet, attachments, and documents: 7					

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

CIH \$40.00 071074 10045507

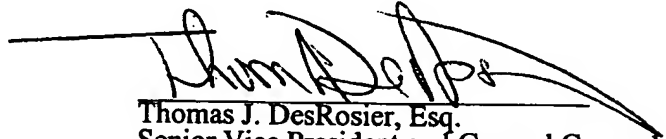


Genzyme Corporation
500 Kendall Street
Cambridge, MA 02142
Tel.: (617) 252-7500
Fax: (617) 252-7553

SIGNATURE AUTHORITY

I, Thomas J. DesRosier, Senior Vice President and General Counsel of Genzyme Corporation hereby appoint Madge R. Kanter, Richard D. Allison, Elizabeth Lassen and Bart G. Newland, all Managing Intellectual Property Counsel of Genzyme Corporation, with full power and authority to transact any and all business before the United States Patent and Trademark Office, and any foreign counterpart patent office, with the powers of a Corporate Officer of Genzyme Corporation.

Date: December 2, 2003



Thomas J. DesRosier, Esq.
Senior Vice President and General Counsel
GENZYME CORPORATION

ASSIGNMENT

WHEREAS, we, Nick Wan, Henry Hoppe IV, Jason C. Goodrick, and Bernhard M. Schilling, residing respectively at 11 Oakland Avenue, Auburndale, MA 02466; 4 Bulette Road, Acton, MA 01720; 320 Columbia Street #3, Cambridge, MA 02141; 5904 Stearns Hill Road, Waltham, MA 02451-7135 have made a new and useful invention described in a national application for Letters Patent of the United States, entitled

EXPRESSION SYSTEM FOR RECOMBINANT PROTEINS

filed on November 7, 2001 in the United States Patent and Trademark Office and having Serial No. 10/045,507; and

WHEREAS, Genzyme Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at One Kendall Square, Cambridge, Massachusetts 02139, U.S.A., desires to acquire our entire right, title and interest therein in accordance with agreements duly entered into with us; and

WHEREAS,

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories, and all foreign countries, in and to any and all said inventions as described in said national application, together with our entire right, title and interest in and to the said national application and all U.S. and foreign applications which correspond to or claim priority therefrom (including any provisional, substitution, divisional, continuation, continuing prosecution or continuation-in-part applications and the like), and all Letters Patent which issue from any of the above, including re-issues, re-examinations, and extensions thereof; said inventions, applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said inventions, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world, any and all Letters Patent by attorneys and agents of ASSIGNEE'S selection and the right to procure the grant of, license, and enforce all such Letters Patent to ASSIGNEE for its own name as ASSIGNEE of our entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid inventions, applications and Letters Patent to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of said aforementioned provisional, substitution, divisional, continuation, continuing prosecution or continuation-in-part applications, and all Letters Patent which issue from any of the above, including re-issues, re-examinations, and extensions thereof, and preliminary or other statements and the giving of testimony in any interference or any other legal proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND, we hereby further Covenant with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me us, and that full right to convey the same as herein expressed is possessed by me us.

Signature Nick C. Wan Date 09/24/02
Inventor Nick Wan

State of Massachusetts)
County of Middlesex) SS:

Then personally appeared before me the above-named Nick Wan and acknowledged that he executed the foregoing instrument as his free act and deed this 24TH day of September, 2002.

(SEAL)

Deborah A. Gunkel Notary Public
Deborah A. Gunkel (print name)

My commission expires August 7, 2003

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid inventions, applications and Letters Patent to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, including but not limited to Canada, and the execution of said aforementioned provisional, substitution, divisional, continuation, continuing prosecution or continuation-in-part applications, and all Letters Patent which issue from any of the above, including re-issues, re-examinations, and extensions thereof, and preliminary or other statements and the giving of testimony in any interference or any other legal proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND, I hereby further Covenant with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me , and that full right to convey the same as herein expressed is possessed by me.

Signature
Inventor

Bernhard Schilling
BERNHARD M. SCHILLING

Date

10/29/03

STATE OF NEW YORK)
COUNTY OF ONONDAGA)

Then personally appeared before me the above-named BERNHARD M. SCHILLING and acknowledged that he executed the foregoing instrument as his free act and deed this 29th day of October, 20003.

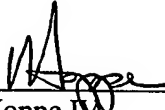
(SEAL)

Penny A. Hastings Notary Public
Penny A. Hastings (print name)

My commission expires: 11-30-05

PENNY A. HASTINGS
Notary Public, State of New York
No. 4913366
Qualified in Madison County
Commission Expires Nov. 30, 20 05

Signature
Inventor


Henry Hoppe IV

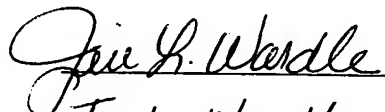
Date

10/22/02

State of Massachusetts
County of Worcester SS:

Then personally appeared before me the above-named Henry Hoppe IV and acknowledged that he executed the foregoing instrument as his free act and deed this 22 day of October, 2002.

(SEAL)

 Notary Public
Jill L. Wardle (print name)

My commission expires _____

JILL L. WARDLE
NOTARY PUBLIC
MY COMMISSION
EXP. MARCH 5, 2004

Signature
Inventor

Jason C. Goodrick
Jason C. Goodrick

Date 11/1/02

State of California
County of San Mateo, ss:

Then personally appeared before me the above-named Jason C. Goodrick and acknowledged that he executed the foregoing instrument as his free act and deed this 1st day of November, 2002.

(SEAL)

Lidia P. Dwyer Notary Public
Lidia P. Dwyer (print name)

My commission expires 4-17-04

